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Fig. 1

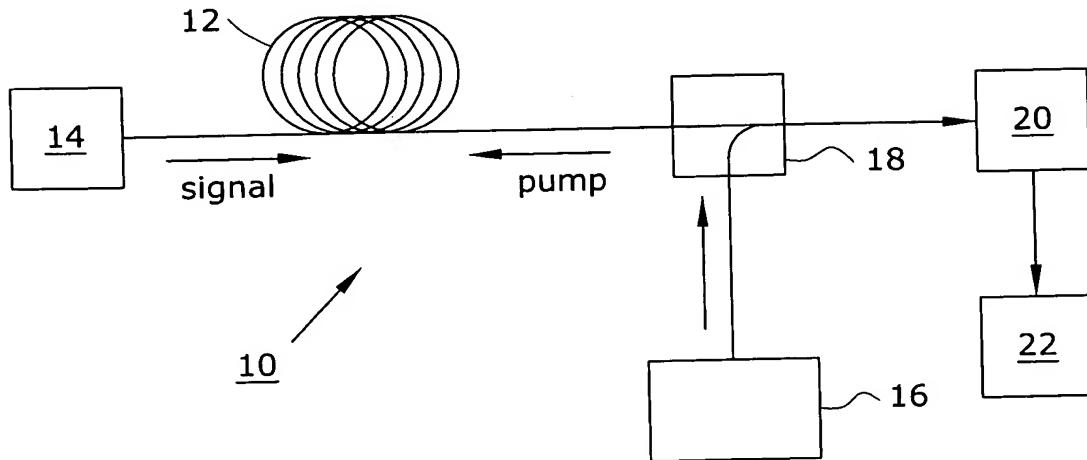


Fig. 10

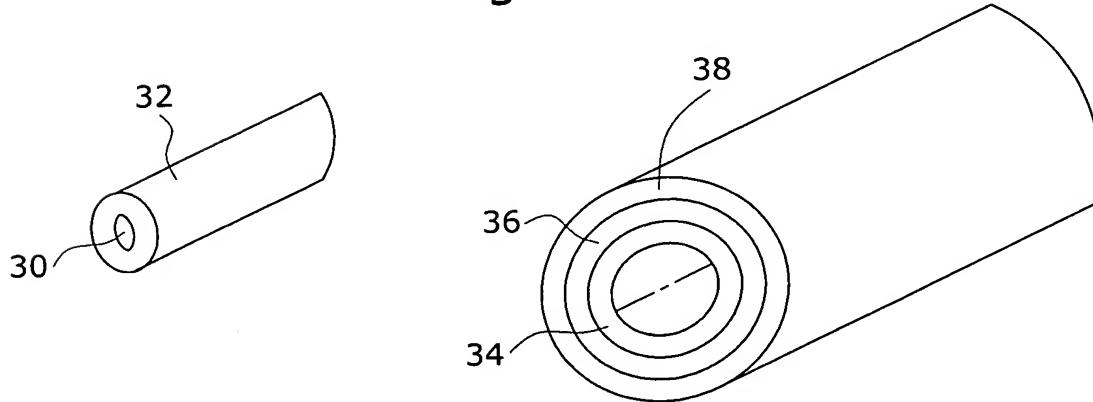


Fig. 2 Dispersion Curves for S-band Raman Pumping

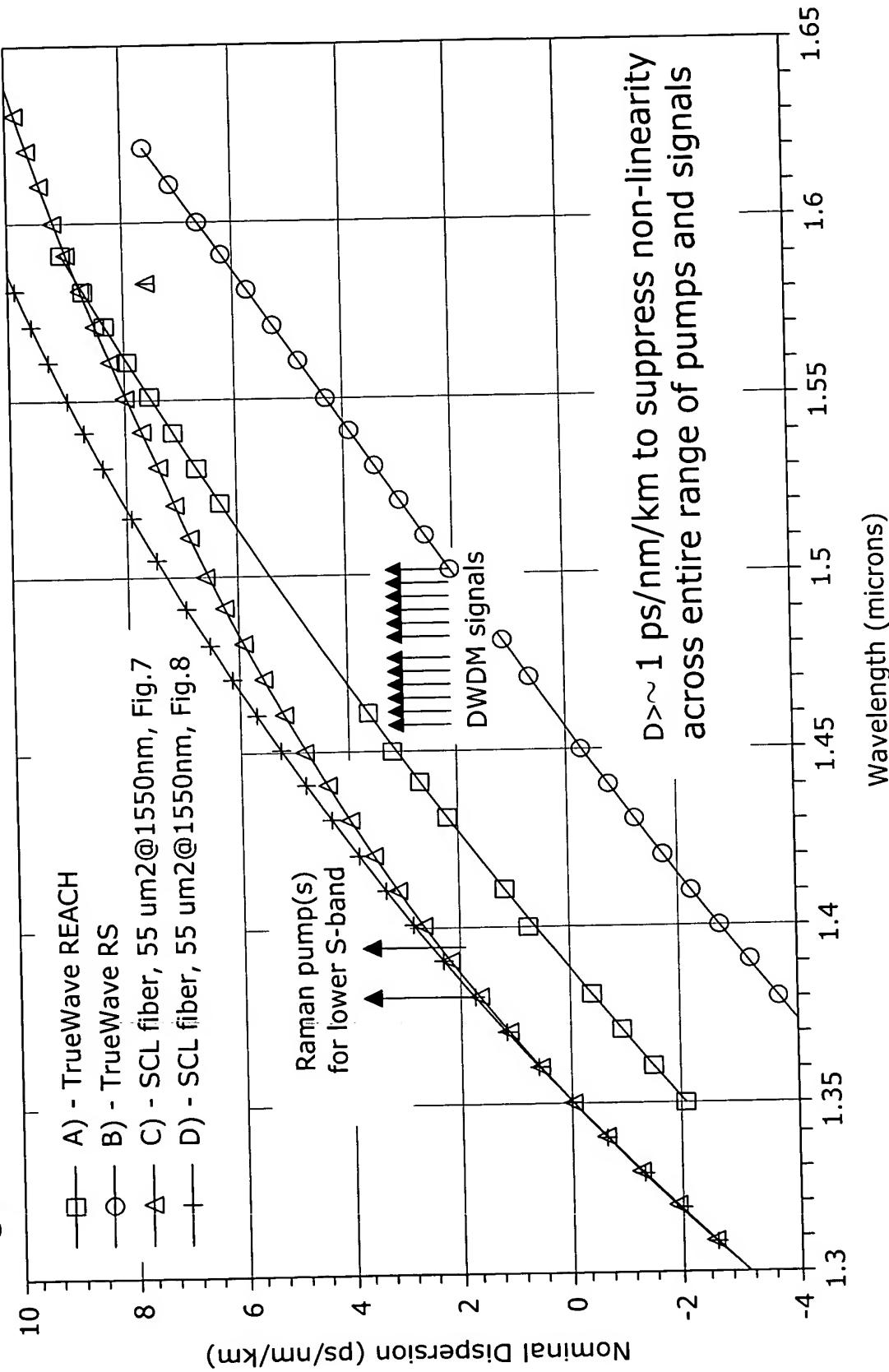


Fig. 3: Range of Water Peaks, 0.341 1310nm Loss Background

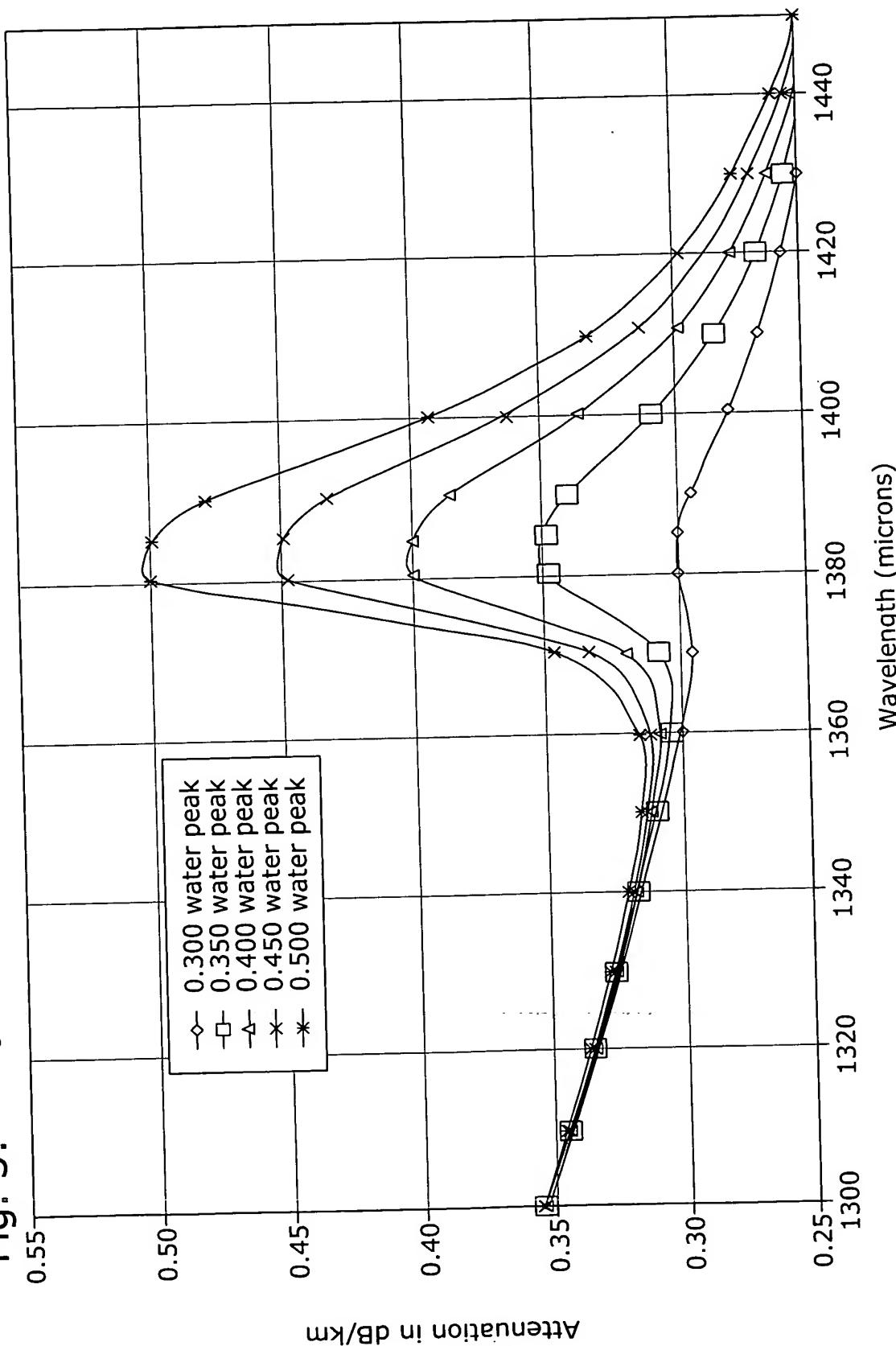


Fig. 4 : Spectral Loss Curve with Raman Pumps and Signals

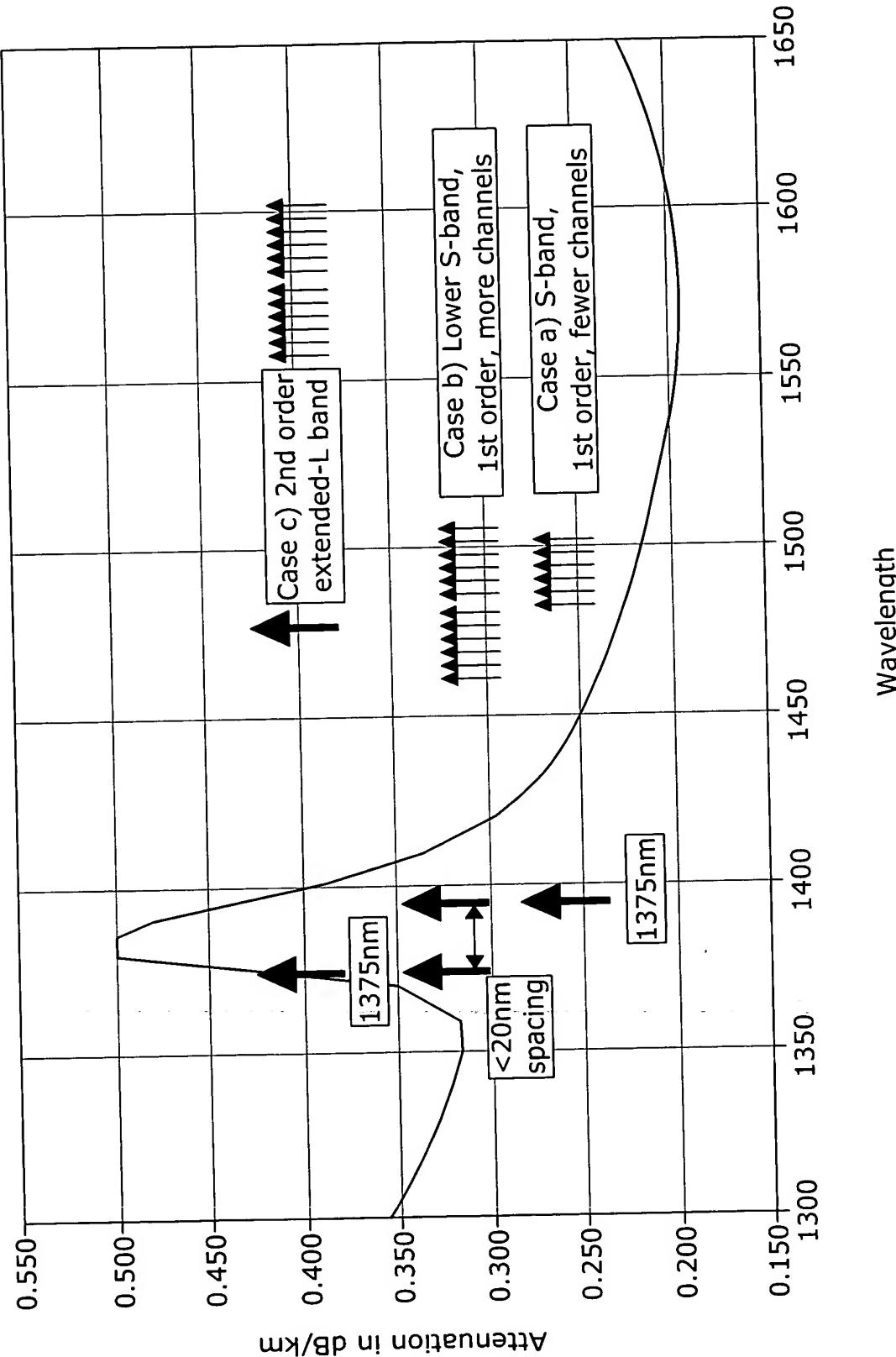


Fig. 5 : 100km Span Pumped to Transparency

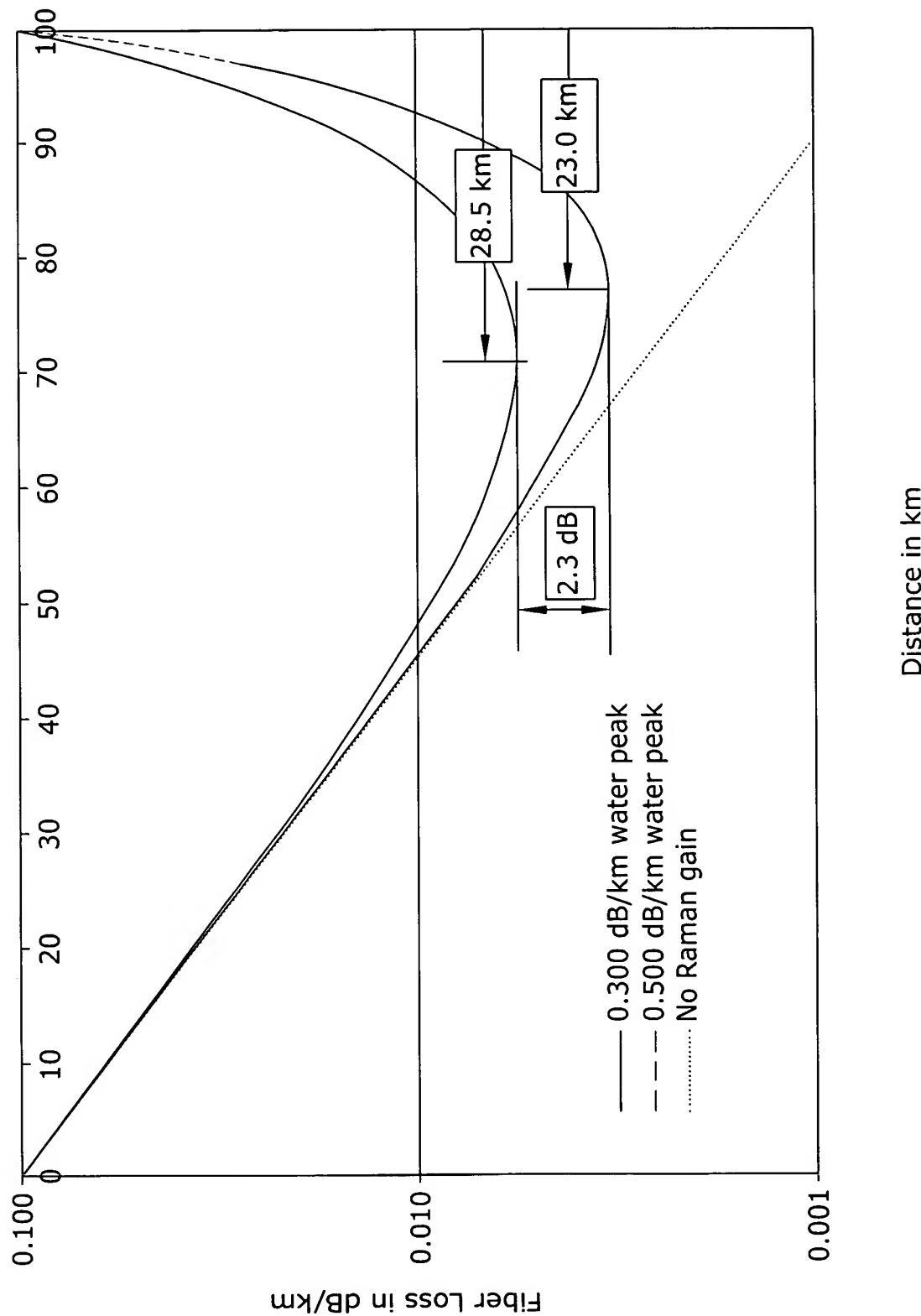


Fig. 6 : 100km Span Pumped to 15dB Gain, 2nd Order Raman

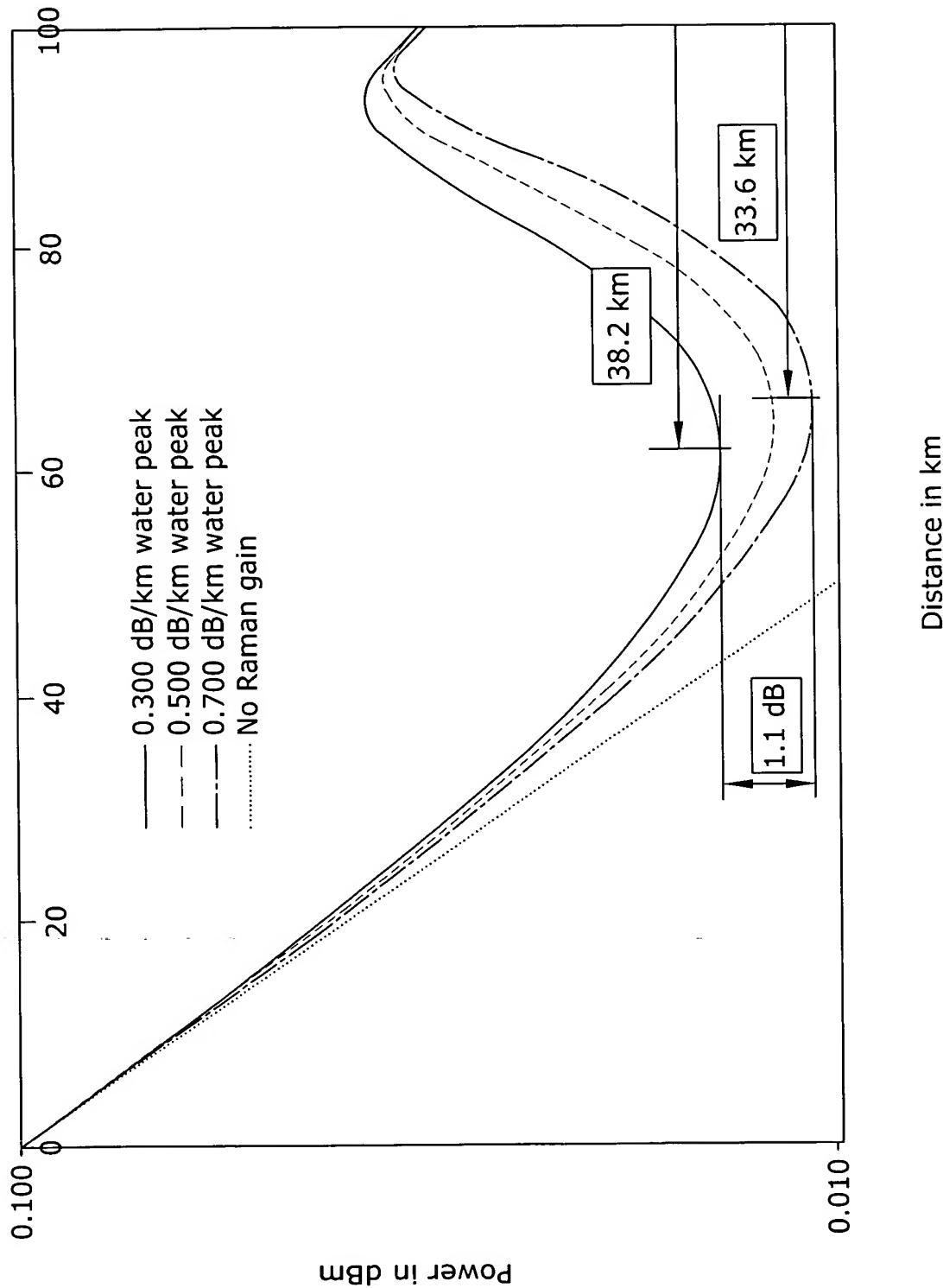
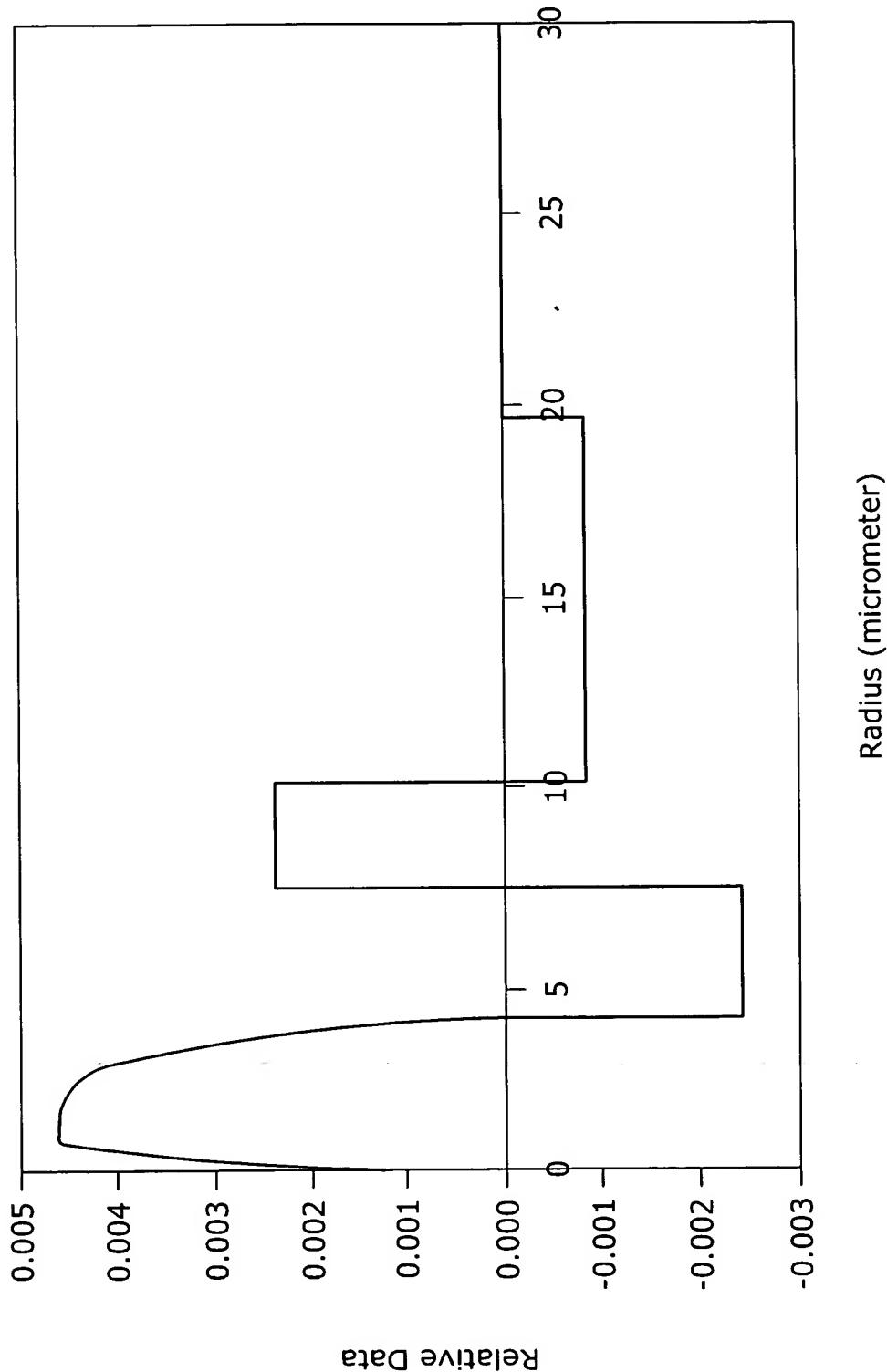


Fig. 7 : Profile Representing a First SCL Band Fiber



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Fig. 8 : Profile Representing a Second SCL Band Fiber

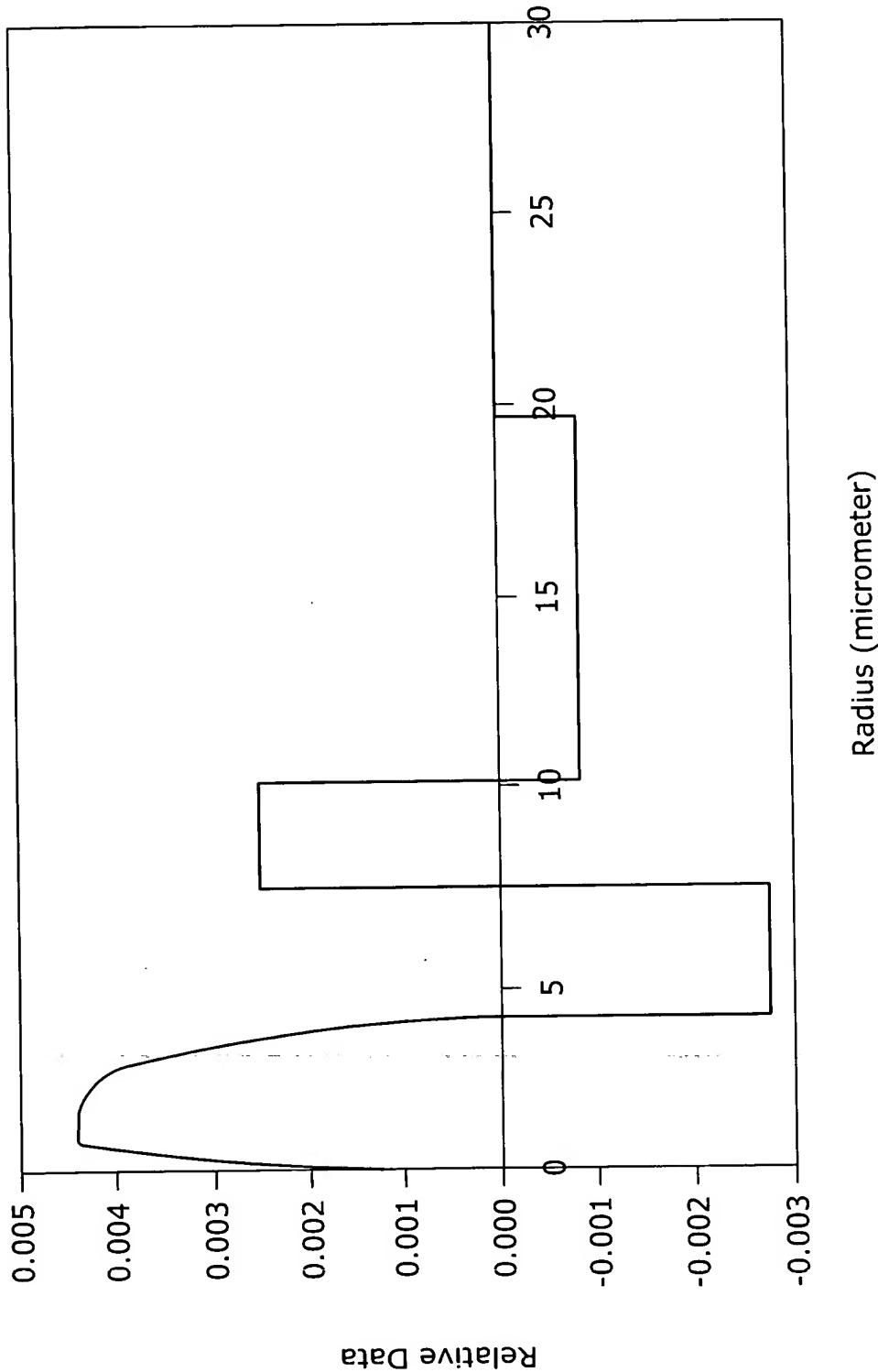


Fig. 9 : Profile Representing a Third SCL Band Fiber

